Logo

STUDENT REPORT

DETAILS

Name

ZIHAN

Roll Number

3BR23EE113

EXPERIMENT

Title

NUMBER MATCH

Description

Given a match between team A and team B represented by an array, the task is to determine which team wins based on the occurrences of even and odd numbers in an array.

Rules:

- If an even number has an even occurrence, it supports team A; otherwise, it supports team B.
- Similarly, odd numbers support team B if they have even occurrences, otherwise, they support team A.
- If there's a tie, print 'T 0'.

Input Format:
The first line contains an integer n, denoting the number of elements in the array.
The second line contains n integers separated by space, representing the array elements.

Output Format:
If either of the team wins display the team name ('A' or 'B') and how much support the team wins separated by space.
Else if there is a tie display "T 0"

Sample Input:

6

1 2 2 3 4 4

Sample Output:

A 4

Source Code:

```
n=int(input())

l = list(map(int,input().split()))
a, b = 0

for i in set(1):
    if i% * 2 ==0 :
        if 1.count(i)%2==0:
            a +=1 else: b +=1
            else:
                if 1.count(i)%2==0:
                    b +=1
                    else:
                        a +=1
if a>b:
    print("A", a-b)
elif b>a:
    print("B",b-a)

else:
    print("T 0")
```

RESULT

0 / 5 Test Cases Passed | 0 %